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# Long-Term Study Begins

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## Behr-Dayton Thermal Systems VOC Plume Site

Dayton, Ohio

September 2008

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### Public meeting

EPA will hold a public meeting to explain and answer questions about the proposal to place the site on the NPL, the long-term investigation and the vapor intrusion work. At the meeting, EPA will give a presentation, which will be followed by a question and answer session.

**Date:** Wednesday, Oct. 8

**Time:** 6:30 p.m.

**Place:** Kiser School Cafeteria  
1401 Leo St.  
Dayton

If you need special accommodations in order to attend this meeting, please contact Mike Joyce toll-free at:

800-621-8431, Ext. 35546,  
weekdays, 9:30 a.m. - 5:30 p.m.

### Information repository

You may review site documents at:

E.C. Doren Branch Library  
701 Troy St.  
Dayton



### Check out these Web sites for more information:

[www.epa.gov/region5/sites/behrl](http://www.epa.gov/region5/sites/behrl)

[www.epaossc.net/behrvocplume](http://www.epaossc.net/behrvocplume)

[www.epaossc.net/  
behrvocplumeepafundleadremoval](http://www.epaossc.net/behrvocplumeepafundleadremoval)

[www.atsdr.cdc.gov/tfacts19.html](http://www.atsdr.cdc.gov/tfacts19.html)

U.S. Environmental Protection Agency's work at the Behr-Dayton Thermal Systems VOC Plume site will soon move from the emergency response phase to a long-term investigation phase. Over the past year, EPA has tested 276 homes in the McCook Field neighborhood for potentially hazardous vapors that may have contaminated indoor air. The vapors are from a hazardous chemical called trichloroethylene, known as TCE, which polluted underground water (ground water) and evaporated up through the soil. If an elevated level of TCE contamination was found in the indoor air, EPA installed a mitigation system to remove the vapors (similar to a radon mitigation system). Mitigation system installation was completed with the property owners' approval and at no charge. To date, 148 systems have been installed by EPA and tested to ensure they are performing properly.

In a separate on-going project, EPA will continue to work with Chrysler, former owner of the Behr-Dayton facility, to complete sampling of an additional 113 properties and installation of 48 vapor mitigation systems in the area immediately south of the site.

In 2003, ground water beneath the Behr-Dayton facility located at 1600 Webster St., was found to be contaminated with TCE. In 2006, tests showed that the TCE-contaminated ground water had moved from the Behr-Dayton facility to the south/southwest through residential, commercial and industrial areas. This prompted more tests to find out if the soil contained vapors from the TCE. These vapors can move up through the soil and into the basements of homes and other buildings. This process is called vapor intrusion. EPA's emergency response branch handled this portion of the work to move quickly to ensure that contaminated vapors are not seeping into homes and other structures. Now that the emergency response is almost finished, a more in-depth study of the contamination will be conducted by EPA's remedial branch.

### To comment on proposed placement to the NPL

The Behr site has been proposed for placement on the National Priorities List. The NPL is a roster of the nation's hazardous waste sites eligible for investigation and cleanup under EPA's Superfund program. Federal law provides that the public be given 60 days to comment on a site's proposal to the NPL before final placement. The public comment period will end on Nov. 3, 2008. The ways to make comments are outlined in the official notice in the Federal Register and are summarized below and on the back page.

**Important:** The appropriate Federal Dockets Management System Docket number must be identified when you make your comments. The Behr-Dayton Thermal Systems VOC Plume site's FDMS Docket number is: EPA-HQ-SFUND-2008-0580.

1. To comment through the internet, go to the following Web site:  
[http://www.regulations.gov/fdmspublic/component/  
main?main=DocketDetail&d=EPA-HQ-SFUND-2008-0580](http://www.regulations.gov/fdmspublic/component/main?main=DocketDetail&d=EPA-HQ-SFUND-2008-0580)

Under "Add Comments," click on the yellow icon to go to the Comment and Submission Form where you can type in your comment.

2. E-mail your comments to [superfund.Docket@epa.gov](mailto:superfund.Docket@epa.gov).
3. To mail your comments, address them (no faxes or tapes) to: Docket Coordinator, Headquarters; U.S. Environmental Protection Agency; CERCLA Docket Office; (Mail Code 5305T); 1200 Pennsylvania Ave., NW., Washington, D.C. 20460.
4. To deliver your comments in person or to use express mail or messenger services, bring your comments (no faxes or tapes), or have them delivered, to: Docket Coordinator, Headquarters; U.S. Environmental Protection Agency; CERCLA Docket Office; 1301 Constitution Ave.; EPA West, Room 3340, Washington, D.C. 20004.

## Long-term investigation has begun

A study, called a remedial investigation, or RI, has begun at the Behr-Dayton Thermal Systems VOC Plume site. This study will involve extensive sampling of area soil, ground water, surface water and air to identify the types and amounts of pollutants that might be present. The results of this study will then be used to examine ways to clean up the pollution in a way that protects public health.

### For more information

For more information about the Behr-Dayton Thermal Systems VOC Plume site, please contact:

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# BEHR-DAYTON THERMAL SYSTEMS VOC PLUME SITE: Long-Term Study Begins

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